

Department of Water Resources Financial Assistance Programs

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Financial Assistance Programs

- **Integrated Regional Water Management (IRWM)**
- **Stormwater Flood Management (SWFM)**
- Local Groundwater Assistance
- Contaminant Treatment & Removal Pilot Projects
- Drinking Water Disinfection – UV & Ozone
- Safe Drinking Water (Grants & Loans)
- Delta and San Joaquin & Sacramento Rivers Water Quality
- Urban Steams Restoration
- Drainage Reuse
- Agricultural Water Conservation (Loans)
- Ag Water Use Efficiency
- Flood Protection Corridor
- Floodway Corridor
- State/Federal Flood Control System Modifications
- Local Levee Assistance
- Flood Control (Subventions)
- Delta Levees (Subventions)
- Yuba Feather Flood Protection
- Central Valley Flood Protection (Capital Outlay)

IRWM Grant Programs

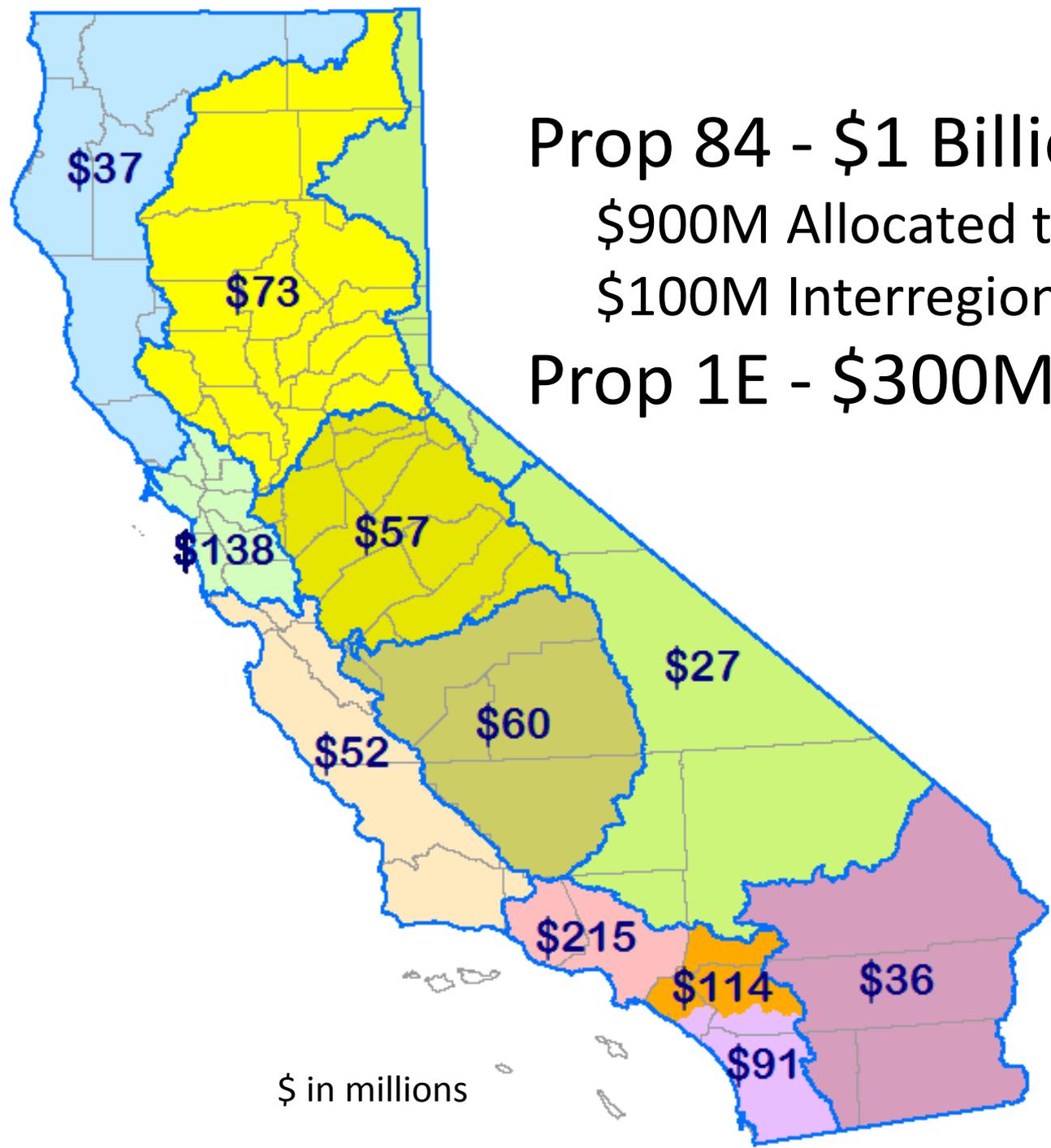
<http://www.water.ca.gov/irwm/>

http://www.water.ca.gov/irwm/integregio_stormwaterflood.cfm

Main DWR Funding Page

<http://www.water.ca.gov/nav/nav.cfm?loc=t&id=103>

Prop 84 - \$1 Billion for IRWM
\$900M Allocated to 11 Funding Areas
\$100M Interregional
Prop 1E - \$300M for SWFM



\$ in millions

Proposition 84 Funding Summary

- IRWM Grant Program
 - Planning Grants = \$30M
 - Implementation Grants = \$808.5M
- Balance of Funding
 - Program Delivery
 - Statewide Bond Costs
 - Wide variety of water management actions
- Bond Accountability
 - <http://bondaccountability.resources.ca.gov/plevel1.aspx?id=14&pid=4>

Proposition 1E Funding Summary

- SWFM Grant Program
 - Grants = \$269.5M
 - Directed Grant (1) = \$5M
- Balance of Funding
 - Program Delivery
 - Statewide Bond Costs

- Bond Accountability

<http://bondaccountability.resources.ca.gov/plevel1.aspx?id=92&pid=5>

2011 Grant Awards

- IRWM Planning Grants
 - Awarded \$21M to 30 Regions; total costs = \$32M
- IRWM Implementation Grants
 - Awarded \$205M to 25 Regions for 201 projects; total costs = \$986M
- SWFM Grants
 - Awarded \$178M to 21 agencies for 26 projects; total costs = \$417M

2011 IRWM Implementation Awards

North Coast

Total Grant Funding \$8.2 M
Total Proposal Costs \$12.8 M

Sacramento River

Total Grant Funding \$17.3 M
Total Proposal Costs \$53.5 M

San Francisco Bay

Total Grant Funding \$31.9 M
Total Proposal Costs \$118.3 M

San Joaquin River

Total Grant Funding \$13.6 M
Total Proposal Costs \$20.7 M

Central Coast

Total Grant Funding \$17.5 M
Total Proposal Costs \$251.1 M

Lahontan

Total Grant Funding \$9.9 M
Total Proposal Costs \$58.2 M

Tulare Lake

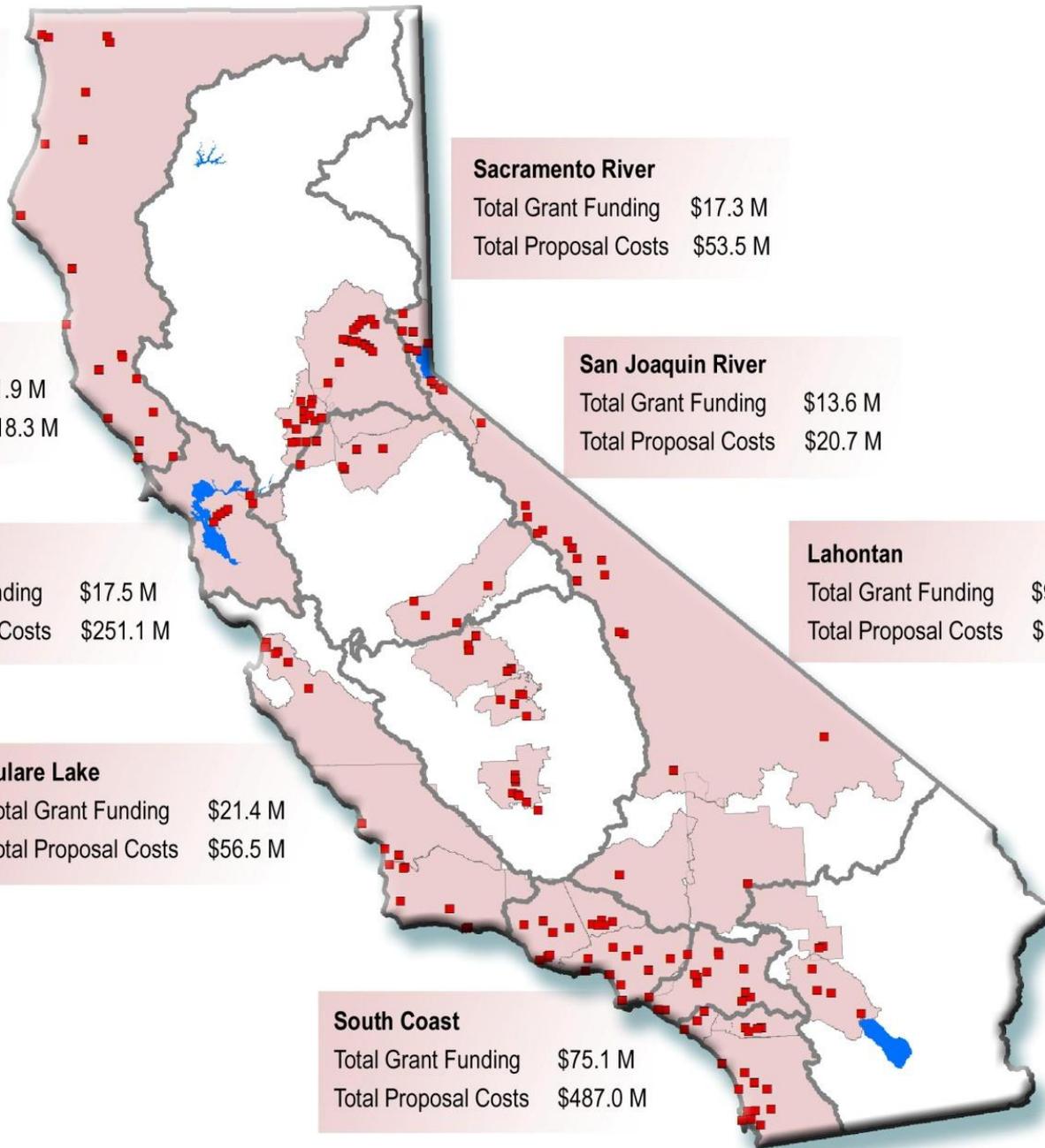
Total Grant Funding \$21.4 M
Total Proposal Costs \$56.5 M

South Coast

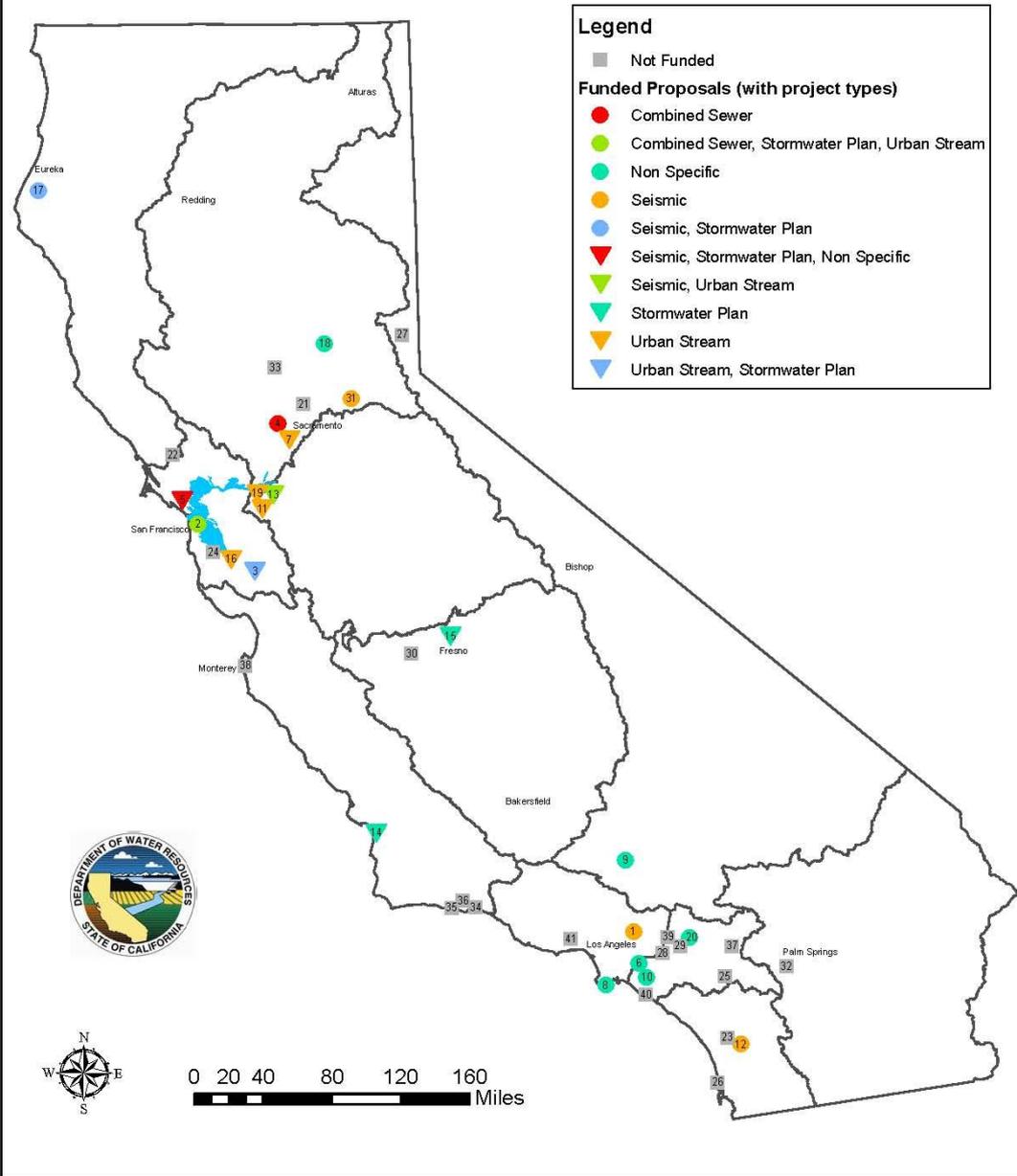
Total Grant Funding \$75.1 M
Total Proposal Costs \$487.0 M

Colorado River

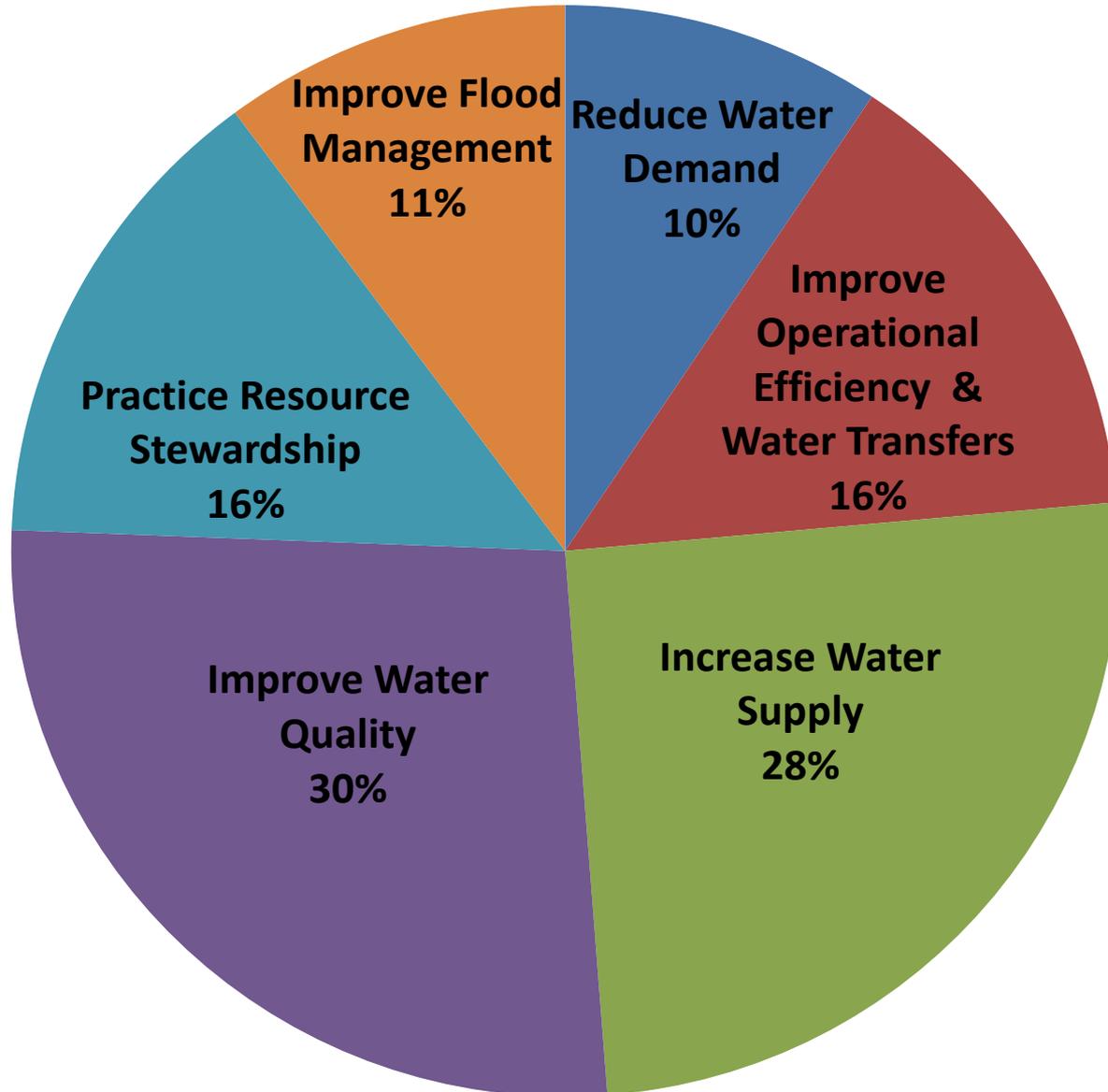
Total Grant Funding \$10.0 M
Total Proposal Costs \$27.9 M



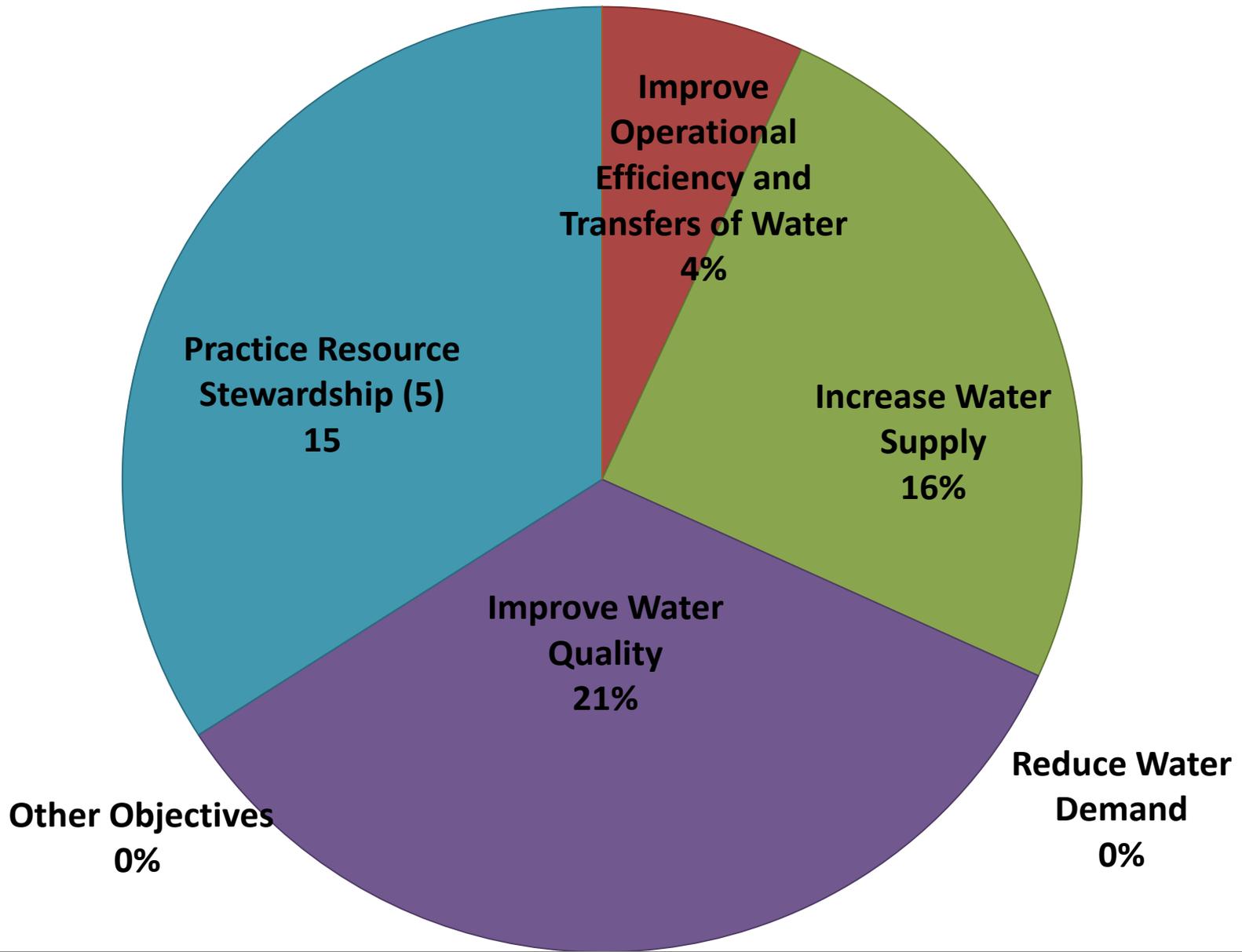
Final Awards Proposition 1E Round 1 Stormwater Flood Management Grant Program November, 2011



Round 1 IRWM Categorized by CWP Water Management Objectives



Round 1 SWFM Categorized by CWP Water Management Objectives – All projects “Improve Flood Management”



Future Funding

- Round 2
 - Planning Grants \$9M
 - Anticipate awards in October
 - Implementation Grants \$131M
 - SWFM \$92M
- Round 3
 - Implementation Grants \$472.5M

Solicitation Schedule

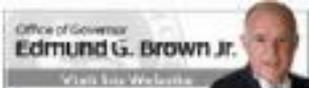
Action	Date
Issue Final Round 2 Guidelines and PSPs	<i>October 2012</i>
Round 2 SWFM proposals due	<i>December 2012</i>
Round 2 Implementation proposals due	<i>March 2013</i>
Draft funding recommendations	<i>August 2013</i>
Final grant awards	<i>September 2013</i>
Round 3 – Implementation grants only	<i>“Immediately” following Round 2</i>

Reporting Requirements

- Proposition 50 IRWM
 - SWAMP
 - GAMA
- Proposition 84
 - Integrate data into statewide databases
 - Fiscal and project info to Bond Accountability website
- Proposition 1E
 - No data posting requirements
 - Fiscal and project info to Bond Accountability website

Example Project Posting

<http://bondaccountability.resources.ca.gov/Project.aspx?ProjectPK=3860-P84-675&pid=4>



Inyo-Mono Prop 84 R1 Implementation Grant

3860-P84-675

Summary Funding

Propositions

- 1B - Transportation
- 1C - Housing
- 1D - Education
- 1E - Flood Control
- 84 - Natural Resources

Lease Revenue Bonds

- Department of Corrections and Rehabilitation

Featured Links

- Find a project (search)
- Natural Resource Protection Acquisition Notices
- Proposition 84 Programs
- Proposition 84 Text
- Resources Agency
- Proposition 84 Balance Allocation Report (08/12)

Bond Accountability

- Front-end
- In Progress
- Follow-up (Audit)
- Accomplishments

Project Description:

The Central Sierra Resource Conservation and Development, Inc. is the entity ensuring the implementation of the following 7 components identified in the Inyo-Mono Integrated Regional Water Management Plan, per PRC 75026 et seq.: a feasibility study for safe drinking water and emergency fire flow storage, installation of a uranium treatment system for Coleville High School, installation of 2 potable water wells, conduct vertical water quality and transmissivity testing of 2 wells, upgrade SCADA system to include pressure switches, transducers, autodialers, and communication lines for Inyo County Department of Public Works, and upgrade wastewater treatment plant with 3000 feet of pipe, filter screens, and 2 polyurethane pond liners.

Objective:

Project will help local public agencies to meet long-term water supply needs, protection of water quality, and augment/restore environmental conditions.

Quick Facts:

Total Cost: \$5,700,267.00
Implemented By: Central Sierra Resource Conservation and Development, Inc.
Project Contact: Valerie Klinefelter
Project Type: Water Management Infrastructure Improvement Restoration

Project Status:

Overall Status: Project Implementation
Est. Comp. Date: 12/31/2014
On Time
Within Budget
Within Scope

More Information:



- #### Projects
- Point Locations
 - Linear Locations
 - Area Locations
- #### Base Map
- California Department of Fish and Game
 - California Department of Parks and Rec
 - City
 - County
 - National Park Service
 - Non Governmental Organization
 - Special District
 - US Bureau of Land Management
 - US Bureau of Reclamation
 - US Fish and Wildlife Service
 - US Forest Service
 - US Military/Defense

Grant Agreement Conditions

- Agreement Templates

http://www.water.ca.gov/irwm/integregio_resourceslinks.cfm

- Reporting Related Terms

- Quarterly Progress Reports
- Project Close Out Reports
- Post Construction Monitoring Reports
- Exhibits
 - Report Format and Requirements
 - Requirements for Data Submittal

Grant Agreement Conditions

- Monitoring Related Terms
 - Statewide Monitoring Requirements
 - GAMA and SWAMP
 - Project Monitoring Plan Requirements
 - Goals, Outcomes & Indicators, Measurement tools, etc.
 - Standard Conditions – Rights in Data
 - Public Domain

Exhibits – Reporting Requirements

- Quarterly
 - Discuss data submittal efforts
 - Description of data submitted and dates
- Project Completion
 - Describe mechanism or process for continued performance monitoring
 - Copies of data collected
- Post-Performance
 - Assessment of differences between expected & actual benefits
 - Reporting on meeting Output Indicators and Targets

Exhibits – Data Submittal

- Surface and Groundwater Quality Data
 - Surface Water – CEDEN
 - Groundwater – GAMA
- Groundwater Level Data
 - Water Data Library
<http://www.water.ca.gov/waterdatalibrary/>
 - California Statewide Groundwater Elevation Monitoring
<http://www.water.ca.gov/groundwater/casgem/>

Water PIE Concept to Improve Data Accessibility

CA.GOV DEPARTMENT OF WATER RESOURCES

Home | Newsroom | Flood & Safety | Planning | State Water Project | Funding | Environment | Supply & Use | Data

Climate Change | Delta Initiatives | Environmental Services | IEP | Water Conditions | FESSRO | All Environment Topics

Interagency Ecological Program

Cooperative Ecological Investigations in the San Francisco Estuary since 1970

- IEP Home**
- ACTIVITIES**
- Monitoring
 - Research
 - Pelagic Organism Decline (POD) Investigations
 - Program Reviews
 - Workshops and Events
 - Archive
- PRODUCTS**
- Data and Metadata
 - IEP Newsletter
 - Science Highlights
 - Technical Reports
 - Journal Publications
 - Maps
 - Pictures
- ABOUT**
- About the Estuary
 - About the IEP
 - IEP Teams
 - IEP Opportunities

INVESTIGATING UNDERWATER VIDEO TECHNOLOGY

Smeltcam - Phase II

The IEP has been working on developing underwater video technology and software for sampling pelagic fishes in the Delta and Estuary. This technology could allow researchers to sample without lethal takes of threatened and endangered species. Investigators have been field testing the feasibility of enumerating and distinguishing between pelagic fishes in the turbid environment of the Delta, with a prototype that is submersible, bright and neutrally buoyant. Questions can be directed to investigators Don Portz (USBR) at DPortz@usbr.gov and Darren Odum (SureWorks, LLC) at darren.odum@sureworkslc.com (Tuesday, November 15, 2011) [View their progress](#)

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California Cooperative Snow Surveys | Water Supply Contracts | Water Use Efficiency | All Supply/Use Topics

California Statewide Groundwater Elevation Monitoring (CASGEM)

- GROUNDWATER ELEVATION MONITORING**
- CASGEM Home
 - Public Login
 - Monitoring Entity Login
 - Designated Monitoring Entities
 - What's New?
 - Sign Up/Subscribe
 - Background
 - SBK7 (B&T Text)
 - AB 1152 (B&T Text)
 - Monitoring Entities
 - Groundwater Elevation Data
 - Documents & Outreach
 - Public Comments
 - FADs
 - Contacts

CASGEM Online System is Now Available

Current or prospective Monitoring Entities can notify DWRE of their intent to become a Monitoring Entity, manage existing Notification information, and submit groundwater elevation data through the [Monitoring Entity Login](#) to the Online System.

Public users can view Monitoring Entities, monitored groundwater basins and wells, and groundwater elevation data, through reports, search tools, and GIS viewing by accessing the [Public Users Login](#) to the Online System.

Overview of CASGEM

On November 4, 2009 the State Legislature amended the Water Code with SB-748, which mandates a statewide groundwater elevation monitoring program to track seasonal and long-term trends in groundwater elevations in California's groundwater basins. To achieve that goal, the amendment requires collaboration between local monitoring entities and Department of Water Resources (DWR) to collect groundwater elevation data. Collection and evaluation of such data on a statewide scale is an important fundamental step toward improving management of California's groundwater resources.

In accordance with this amendment to the Water Code, DWR developed the California Statewide Groundwater Elevation Monitoring (CASGEM) program. The intent of the CASGEM program is to establish a permanent, locally-managed program of regular and systematic monitoring in all of California's alluvial groundwater basins. The CASGEM program will rely and build on the many, established local long-term groundwater monitoring and management programs. DWR's role is to coordinate the CASGEM program, to work cooperatively with local entities, and to maintain the collected elevation data in a readily and widely available public database. DWR will also continue its current network of groundwater monitoring as funding allows.

The law anticipates that the monitoring of groundwater elevations required by the enacted legislation will be done by local entities. The law requires local entities to notify DWR in writing by January 1, 2011 of the local agency or party needs to assume groundwater monitoring functions in accordance with the law.

Overview of SBK7

In 2009, the Legislature mandated that the local monitoring parties the public.

SBK7 provides:

- Local parties
- Water Data Library Home
- Groundwater Level Data
- Water Quality Data
- Continue Data
- Historical Information
- Contact Information

CA.GOV DEPARTMENT OF WATER RESOURCES

Home | Newsroom | Flood & Safety | Planning | State Water Project | Funding | Environment | Supply & Use | Data

CEEC | CMS | WDL | IEP | WFRS | All Data Topics

Water Data Library

Use the map below to locate monitoring stations. You can find an area of interest if you zoom and pan the map. Quickly find an area searching for named features on a map (such as the name of a city, park, landmark, lake, water feature, or zip code within California. Once at the area of interest, select the desired Site type and click the "Refresh Map" button to show monitoring stations in the area. Additional searches by data type are possible by clicking the links on the left. For help on these and other ways to find your data, click [here](#).

- DWR CLIENTS ONLY**
- Admin Login
 - Climate Data (Beta 1.1)
 - Climate Data (Access Prototype)
- DWR Documents**
- Data Collection in DIPLA
 - Data Coordination Project Charter
 - Groundwater Strategic Plan
 - Surface Water Strategic Plan
 - Water Quality User's Manual
 - Well Data Strategic Plan
 - WDL Strategic Plan
 - Water PIE Strategic Plan
- Hydstra Documents**
- Hydstra Procedures
 - Hydstra Tracking Reports
 - Hydstra Use Summary Reports

WDL STATION MAP

Location Search

To find monitoring stations for a specific area, enter the placename or zip code into the text box below then, click the "Search" button.

Site Type

Select the desired site type using the legend below, then click the "Refresh" button.

- Groundwater Level
- Water Quality
- Continuous Data

Refresh Map

- Multi-parameter site
- Cluster, showing number of stations

IWRS Integrated Water Resources Information System

Account | Help | Comments | Log Out

Layers

- Project Location
- AB0303 2005
- AB0303 2002
- AB0303 2000
- AB0303 1998
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- AB0303 1962
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Questions